CLAIMS

1. A method of supporting real-time traffic in a mobile radiocommunications system comprising a radio access network and a radio core, in which method the real-time traffic supported in packet mode in the network core is supported in the radio access network by allocating dedicated channels.

2. A method according to claim 1, in which said dedicated channel allocation is performed on creating a packet flow context (PFC).

3. A method according to claim 2, in which said packet flow context is created in the radio access network.

4. A method according to claim 3, in which said packet flow context contains QoS parameters to be offered by the radio access network and negotiated with the network core.

5. A method according to any one of claims 1 to 4, in which said real-time traffic corresponds to at least one media flow in a multimedia session.

6. A method according to any one of claims 1 to 5, in which said dedicated channel allocation makes use of an allocation procedure comprising a paging message followed by access to the network.

7. A method according got any one of claims 1 to 5, in which said dedicated channel allocation makes use of a direct allocation procedure.

8. A method according to any one of claims 1 to 7, in which:

· a mobile station to which dedicated channels have been allocated in this way transmits information to the network relating to its own identity; and

· on the basis of said information, the network

5   associates a packet flow context with said mobile station, and where appropriate, dedicated channel reallocation is performed in order to satisfy the quality of service required for the mobile station.

10   9. Radio access network equipment for a radio mobile communication system including means for implementing a method according to any one of claims 1 to 8.

10. Radio core equipment for a mobile radiocommunications

15   system including means for implementing a method according to any one of claims 1 to 8.

11. A mobile station for a mobile radiocommunications system including means for implementing a method

20   according to any one of claims 1 to 8.